Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

PITTSBURGH® AUTOMOTIVE

ITEM 95187

Quick-Connect Compression Tester

REV 13j

Visit our website at: http://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Specifications

Max. Working Pressure	300 PSI
Pressure Gauge Scale	0~300 PSI (In 10 PSI Increments) 0~2000 kPa (In 100 kPa Increments)

Important Safety Information

1. Do not exceed max. 300 PSI air pressure during use. Exceeding max. air pressure could cause serious personal injury and property damage.
2. Use extreme care when working around hot or moving engine parts.
3. Verify vehicle's transmission is placed in Park (or Neutral for a manual transmission) and the emergency brake is applied.
4. Do not change fittings with engine running.
5. Do not drive the vehicle while under test.
6. Before testing, review and follow instructions from the vehicle manufacturer's service manual.
7. After testing, turn engine off and depressurize system before removing test components. Place absorbing cloths around fittings before disconnecting. Wipe up any spilled fuel. Place cloths in a fireproof container.
8. Clean all testing components of residual fuel before storing.
9. Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly.
10. This product is not a toy. Do not allow children to play with or near this item.
11. Use as intended only.
12. Inspect before every use; do not use if parts are loose or damaged.
13. WARNING! The vehicle engine must never be started in a closed garage, or any other sealed structure. Carbon monoxide is produced during operation and is deadly in a closed environment. Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness, or nausea. If you have any of these signs get fresh air immediately.
14. WARNING! The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety Code 25249.5 et seq.)
15. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

Operating Instructions

Read the <u>ENTIRE</u> IMPORTANT SAFETY INFORMATION section at the beginning of this document including all text under subheadings therein before set up or use of this product.

1. Attach proper size Adapter (2, 3, 4) to Gauge (1) Hose.

   Use Standard Reach Adapter (2) to connect Gauge (1) to cylinder with 14mm standard length spark plug threads.

Use Long Reach Adapter (3) to connect Gauge to a cylinder with 12mm standard length spark plug threads.

Use Standard Reach Adapter (4) to connect Gauge to a cylinder with 10mm standard length spark plug threads.

2. Remove spark plug from one cylinder of the engine, and screw Adapter into spark plug hole. Disable coil to prevent engine from starting.
3. Turn on and Crank engine several times until highest reading appears on Compression Gauge (1). Make note of reading, then press Air Release Button on Compression Gauge to release all compressed air in tool.
4. Turn off engine and remove Adapter from spark plug hole and re-install spark plug.

NOTE: When Gauge is not pressurized, the Gauge needle may be anywhere from in the zero box without affecting accuracy of Gauge.

Maintenance and Servicing

1. **BEFORE EACH USE,** inspect the general condition of the Tester. Check for loose attachments, cracked or broken parts, and any other condition that may affect its safe operation. If any abnormality is found, have the problem corrected before further use.
2. **AFTER EACH USE,** wipe off Tester with clean, moist cloth.
3. Lubricate attachments regularly to ensure smooth operation.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Parts List and Diagram

Part	Description	Qty
1	Compression Gauge	1
2	Standard Reach Adapter (M14 x 1.25)	1

Part	Description	Qty
3	Long Reach Adapter (M12 x 1.25)	1
4	Standard Reach Adapter (M10 x 1.00)	1

Record Serial Number Here:

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Note: If product has no serial number, record month and year of purchase instead.

PLEASE READ THE FOLLOWING CAREFULLY

NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

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